(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 7 October 2004 (07.10.2004)

PCT

(10) International Publication Number WO 2004/086269 A3

(51) International Patent Classification⁷: H04L 12/58

G06F 17/60,

(21) International Application Number:

PCT/IB2004/000948

(22) International Filing Date: 18 March 2004 (18.03.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03290761.0

26 March 2003 (26.03.2003) EP

(71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).

(72) Inventors; and

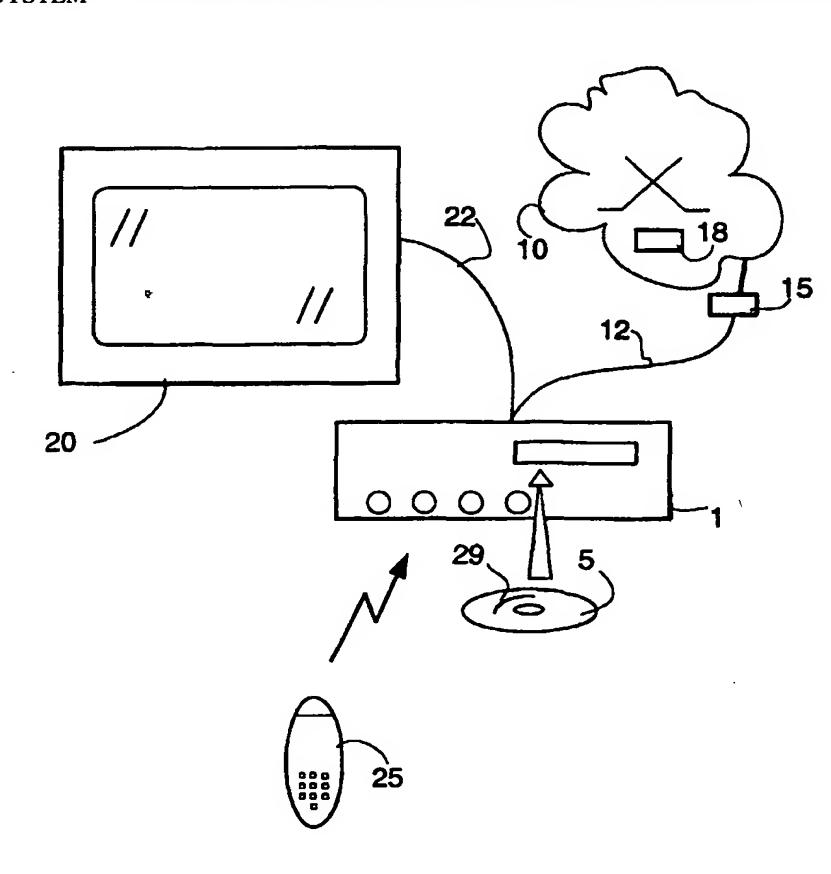
(75) Inventors/Applicants (for US only): BODLAENDER,

Maarten, Peter [NL/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 PARIS (FR). WILLEMS, Henricus, Xavier [NL/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 PARIS (FR).

- (74) Agent: CHAFFRAIX, Jean; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: ELECTRONIC MAIL SYSTEM, APPARATUS AND REMOVABLE STORAGE MEANS SUITABLE FOR SUCH A SYSTEM



system comprises an apparatus (1) having a device for a connection to an electronic mail service (18) in Internet world. The apparatus (1) comprises a drive (42) for an optical disc (5), which has the facility for writing/reading this optical disc. The disc can contain the mail and its archives. It is possible to manage the mail with various apparatus even they have no provision for an Internet connection.

WO 2004/086269 A3

Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

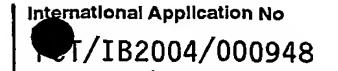
a s to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY,

KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 7 April 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F17/60 H04L12/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 GO6F HO4L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

	ENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Category °	Citation of document, with indication, where appropriate, or the relevant passages		
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 07, 3 July 2002 (2002-07-03) & JP 2002 073493 A (NEC SOFTWARE HOKURIKU LTD), 12 March 2002 (2002-03-12) cited in the application abstract	1-14	
X	WO 02/082281 A (M-SYSTEMS FLASK DISK PIONEERS LTD; MORAN, DOV; ELAZAR, GIDI) 17 October 2002 (2002-10-17) page 15, line 11 - line 25; figure 3 page 3, line 17 - line 19	1-14	
A	FR 2 803 423 A3 (COHEN HADRIA JACQUES BERNARD) 6 July 2001 (2001-07-06) page 1, line 1 - line 116	1-14	

Further documents are listed in the continuation of box C.	Y Patent family members are listed in annex.
 Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the International filing date but later than the priority date claimed 	 "T" later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
3 February 2005	16/02/2005
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340~2040, Tx. 31 651 epo nl, Fax: (+31–70) 340~3016	Sündermann, R



C (Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	M/1BZ004/000948		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	FR 2 822 255 A (PAOLUCCI MARGUERITE) 20 September 2002 (2002-09-20) claim 1	1-14		
A	US 6 199 114 B1 (WHITE CHRISTOPHER M ET AL) 6 March 2001 (2001-03-06) abstract; figure 2	1-14		
	·			
	·			
	·			
		•		
•		-		
	•			

Information on patent family members



Patent document cited in search report		Publication date		Patent family member(s)	Publication date
JP 2002073493	Α	12-03-2002	NONE		
WO 02082281	A	17-10-2002	WO	02082281 A2	17-10-2002
FR 2803423	А3	06-07-2001	NONE		
FR 2822255	Α	20-09-2002	FR FR	2822254 A1 2822255 A1	20-09-2002 20-09-2002
US 6199114	B1	06-03-2001	US AU EP WO	5983273 A 9127198 A 1015985 A1 9914678 A1	09-11-1999 05-04-1999 05-07-2000 25-03-1999